USER GUIDE
ver. 1.2 E

iAUDIO G3

BBE Mach3Bass MP3 DIGITAL AUDIO Ogg vorbis Windows Media Mac OS LDB Lyric Data Base JetAudio

General

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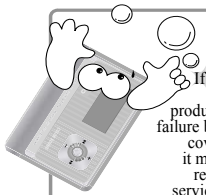
iAUDIO G3

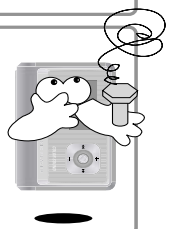
Do not use iAUDIO for purposes other than specified here in the User's Guide.

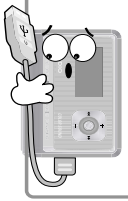
Be careful not to cut your hands when unpacking the box, User's Guide, or accessories.



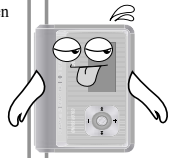
Do not let the unit get wet or leave it in a damp place for prolonged periods. If the product is damaged from moisture as described above, product failure is then classified as failure by submersion, and no longer covered by warranty. Moreover, it may not be even be possible to repair the unit with charged for service, and you may no longer be able to use the product.

There are no user serviceable parts in the unit, and any attempt to open, disassemble or reconstruct the product will void any warranty, disqualify it for free service, and the unit may be permanently disqualified from any after service.





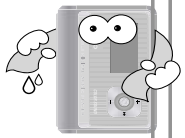
Pay attention to the directions when connecting the USB cable to your iAUDIO or a PC.
Connecting the unit or PC incorrectly with the USB cable may damage them.
Do not bend the USB cable excessively or leave it pressed by heavy objects.



If you smell iAUDIO burning or it becomes overheated, remove the battery and contact our Customer Support Team or a Cowon Systems after-service center.

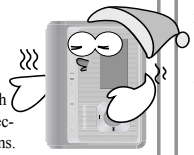
※ **If expose the product to extreme heat or cold for a prolonged period, its exterior may become deformed, its interior damaged, or the LCD may cease to function.**

Touching iAUDIO with wet hands may damage the unit and cause malfunctions.



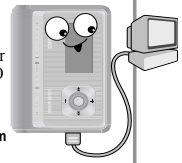
Listening to iAUDIO at high volumes for extended periods may harm your hearing.

Using iAUDIO in places with high occurrences of static electricity may cause malfunctions.



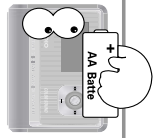
Always backup important files. All data stored in iAUDIO may become deleted when being serviced. Our after-service center does not backup files in iAUDIO units.

Please note that Cowon Systems is not responsible for any data loss from products entrusted to us for service.



Always use the USB cable supplied by Cowon Systems.

This product uses 1.2 – 1.5V batteries. Always use AA batteries, and pay attention to the polarity when replacing batteries. Never reuse batteries that have been found leaking.



※ **When transferring data to and from a PC, and the LCD displays Read or Write, do not unplug the USB cable.**
During data transfer, such as reading or writing files, even if Windows Explorer reports that the transfer is done, the cache may be still working internally.

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What is iAUDIO?
iAUDIO is an original MP3 Player brand from Cowon Systems. It is a super-compact portable digital audio device that allows you to play MP3 files and other various multimedia audio files, listen to and record FM radio stations, record voice and encode directly.

Portable, Stylish and Super-Compact Design
iAUDIO G3 boasts a stylish, super-compact design, and is very convenient to carry.

Plays up to 50 hours with AA batteries
iAUDIO allows up to 50 hours of continuous play with its super power-saving circuits. (Based on Cowon Systems testing with AA alkaline batteries.)

High-Quality Voice Recording
With the built-in high-fidelity microphone, iAUDIO can record voice to the level of dedicated voice recorders. You can record important meetings or lectures, and save them in your PC to listen to later.

Direct Encoding (Line-in)
iAUDIO provides direct encoding by which you can record the output from an external audio device. This means that you can connect the 3.5 mm Line-in jack of iAUDIO and the output jack of an external audio device with a bi-directional stereo cable for recording. Using this feature, you can receive direct inputs from a Walkman, MD (Mini Disk), vinyl LP record player, TV, or other audio devices, automatically convert them to digital files, save in your iAUDIO, and listen to them.

Listen to and Record FM Radio
You can not only listen to FM radio, but record your favorite programs directly in iAUDIO while listening. This feature is also very useful for studying language. Once recorded, you can listen to the recorded files repeatedly.
You can save up to 24 radio frequencies in preset stations with channel numbers.

Wide Graphic LCD
The 128 x 64 graphic LCD displays the overall operation status of iAUDIO in a very clear and bright manner. iAUDIO comes embedded with common fonts that can display a total of over 40,000 characters in various languages to support virtually any language in its elegant display.

Most Powerful Sound Fields in the World
iAUDIO produces uniquely powerful and delicate sound. You can enjoy every sound field effect listed below:
- BBE: Sound field effect that makes music more vivid.
- Mach3Bass: Base booster that reinforces super low frequencies.
- MP Enhance: Sound effect that compensates for lost parts of sound.
- 3D Surround: Three-dimensional sound that gives the sound a wide sense of space.

Easy Firmware Upgrades through Downloads
You can easily upgrade iAUDIO G3 with the firmware download feature to always enjoy the latest features and enhancements for iAUDIO.

Portable Disk
iAUDIO is automatically recognized as a removable disk when you connect it to your PC via the USB cable. You no longer need a separate USB drive with small storage any more.

MP3 Encoding Software
JetShell, the file transfer software included in the iAUDIO package, allows you to convert music to MP3 files easily and rapidly. Now you convert and upload your favorite music from audio CDs to iAUDIO.

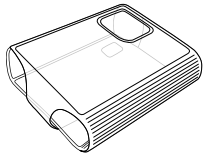
JetAudio
Also included in the package is JetAudio, the most popular integrated multimedia player software in the world.

iAUDIO (MP3 Player Main Body)

Install CD (JetShell, JetAudio)
User's Guide

Bundled Earphones with

Fashionable Neck strap



Transparent Carrying Case

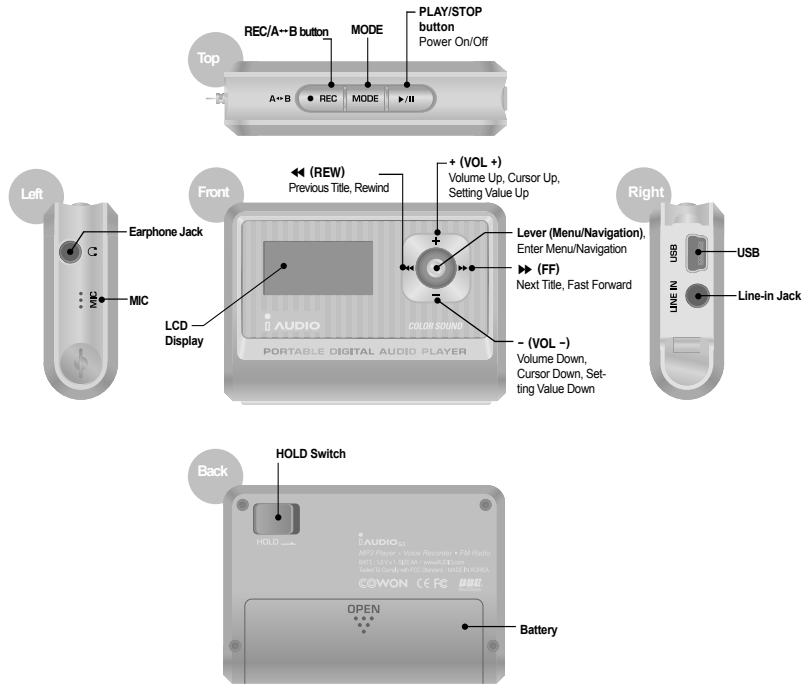
USB Cable, Line-in Recording Cable

AA Battery

- MP3, MP2, OGG,WMA, ASF, and WAV (48khz, Stereo) Playback, Voice Recording, FM Radio Receiver and Recording, Direct MP3 Encoding, Removable Disk
- Basic Flash Memory Embedded (256MB/512MB/1GB)
- 4 Line Graphic LCD
- USB 2.0 Interface
- Long Play Time: Up to 50 hours of continuous play (Based on Cowon Systems tests with AA alkaline battery)
- Multi language support (Embedded common fonts that can display 40,000 characters from various languages)
- Enhanced Integrated Navigator
- Play/Pause/Intro Play, Stop/Power Off, Recording
- Next Track/Previous Track, Fast Forward/Fast Rewind
- Infinite Loop
- Search Speed and Skip Speed Settings
- 40 Digital Volume Levels
- Various EQ and Sound Field Effects
  - User-Adjustable 5-Band EQ
  - Normal, Rock, Pop, Jazz, Classic, Vocal, User
  - Supports BBE, Mach3Bass, MP Enhance, and 3D Surround.
- Resume Feature, Auto Power OFF.
- Hold Feature
- Backlight On Dim Control and Scroll Speed Adjustment
- Firmware and logo download
- Supports ID3V2, ID3V1, and Filename
- Device Information (firmware version, memory usage)
- Software
  - JetShell (File transfer, MP3/WMA/WAV/AUDIO CD play, MP3 encoding)
  - JetAudio (Integrated multimedia player software)

Supported Files	All ranges of MPEG 1/2/2.5 layer 3 (8kbps ~ 320kbps) (8kHz~48kHz) and VBR All ranges of WMA7 WMA (20kbps~ 192kbps) (8kHz~48khz) WMA9 CBR (5Kbps Mono ~ 320kbps Stereo) VBR (Average 48kbps to 256kbps)* WAV (Up to 48KHz Stereo), OGG
Memory	256MB/512MB/1GB
PC Interface	USB 2.0
Battery	1 AA Battery
File Transfer Speed	Max. 20Mbps (Upload 25Mbps)
Power Supply	Up to 50 hours, based on our company's test environment.
Buttons	8 Buttons (Play, REC, MODE, Menu, FF, REW, VOL +, VOL –)
Switch	1 Switch (Hold)
Display	128 x 64 full graphic LCD
SNR	95 dB
Output	16 Ohm Earphone : 13mW+13mW
Frequency Range	20Hz ~ 20KHz
Size	64.0 x 45.0 x 17.1 mm (Width x Height x Depth)
Weight	36 g (Excluding Battery)

*** WMA9 Professional, Lossless Codec, and Voice Codec are not supported**

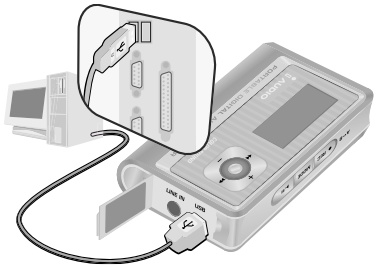


Inserting Batteries

1. Push down the cover on the back of iAUDIO.

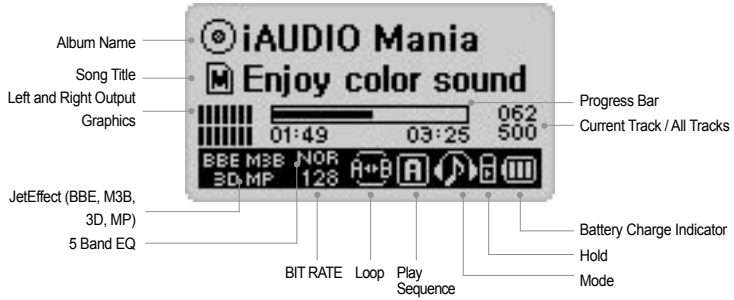
2. Flip over and open the cover.

3. Insert the – terminal of the AA size battery to the right where the spring is, and then push in the + terminal to the left.



Connecting the USB Cable

When you open the USB cover on the left of iAUDIO, there is a built-in USB port. Connect iAUDIO to the PC while paying attention to the direction of the USB port.
For Windows XP, you may pull out the USB cable after the transfer window is closed. **For Windows 2000, however, you should first run "Safely Remove Hardware" before pulling out the cable. After downloading files, be sure to check that the iAUDIO LCD display is changed to READY before pulling out the cable.**



The Battery Charge Indicator icon indicates the remaining time for use. Fewer bars are displayed as the battery charge decreases. For some dry or rechargeable batteries, the bars of the battery charger indicator may become unstable while the charge is being measured, but this is normal.

When the battery is exhausted, the battery charge indicator starts to blink, and then after about 30 minutes of operation, the power goes off automatically.

The disc shape is used when ID3V2 and ID3V1, and Artist + Album information is displayed. However, when the display setting is Filename, or the ID3 tag does not contain artist information, the folder shape is used and the folder name is displayed. When the music file is stored in the root folder, iAUDIO is displayed as the folder name.

Basic Operations

1. Power On/Off

- When you press and hold the PLAY button, the iAUDIO logo appears and iAUDIO turns on.
- When you press and hold the PLAY button again, iAUDIO turns off. (You cannot power off iAUDIO while recording or in USB mode.)
- You can turn off iAUDIO automatically by setting Auto Off or Sleep Timer.

Push the PLAY button | iAUDIO powers on and the iAUDIO logo appreas. | To turn iAUDIO off, press and hold the PLAY button.

2. Connecting USB

■ Connecting USB

iAUDIO enters USB mode when you connect the USB cable while iAUDIO is turned on or in use. (When you connect the USB cable while recording, the recording stops automatically and iAUDIO enters USB mode.)

When the USB cable is connected, iAUDIO does not use the battery but is powered through the USB cable.

■ Disconnecting USB

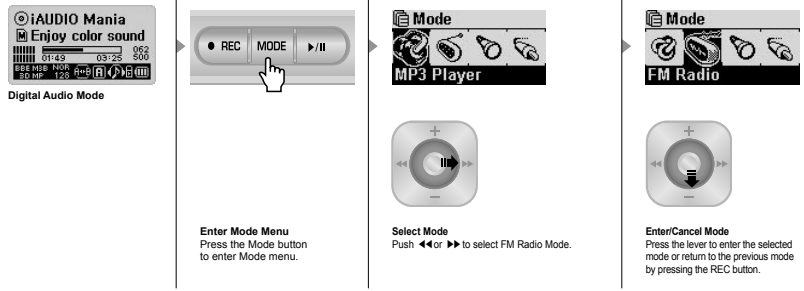
Disconnect the device from the Windows tray bar and pull out the USB cable.

Display when USB is connected. | splay when iAUDIO is reading data. | Display when iAUDIO is writing data.

3. Basic Operations for Mode Change There are four modes:

Digital Audio, FM Radio, Voice Recorder, and Line-in Recorder

Example: When changing from Digital Audio to FM Radio Mode.



Enter Mode Menu
Press the Mode button to enter Mode menu.

Select Mode
Push ◀◀ or ▶▶ to select FM Radio Mode.

Enter/Cancel Mode
Press the lever to enter the selected mode or return to the previous mode by pressing the REC button.

■ Open Mode Select Screen

- To change to another mode, press the MODE button to enter Mode menu.
- 4 modes are displayed for you to select from.

■ Moving Between Modes

- Press ◀◀ or ▶▶ to move to the desired mode.

■ Selecting Mode

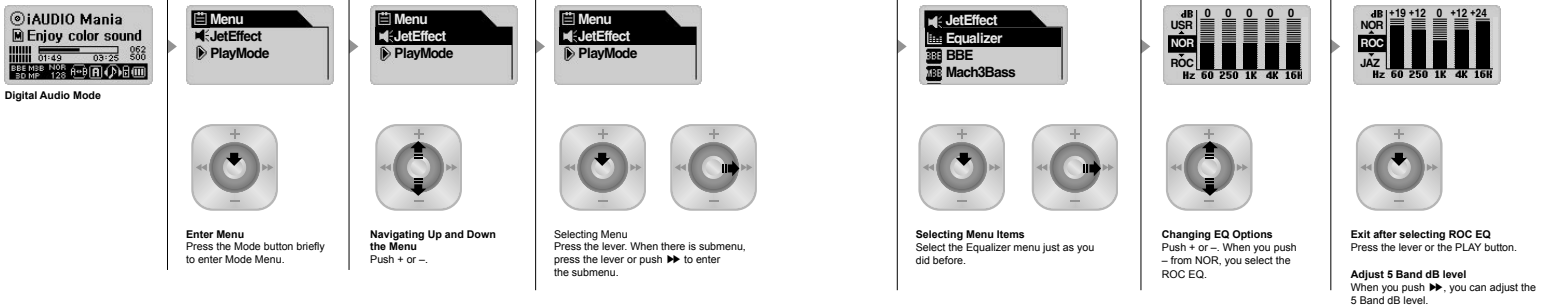
- After navigating to the desired mode using menu, press the lever or PLAY button to select the mode.
- The selected mode screen is displayed and the mode change is complete.

■ Canceling Mode Change

- If you wish to cancel mode change and return to the previous mode, press the REC button.
- The selected mode screen is displayed and the mode change is cancelled.

4. Basic Operations for Using Menu

Example: Changing the JetEffect EQ from NOR (Normal) to ROC (Rock).



Digital Audio Mode

Enter Menu
Press the Mode button briefly to enter Mode Menu.

Navigating Up and Down the Menu
Push + or –.

Selecting Menu
Press the lever. When there is submenu, press the lever or push ▶▶ to enter the submenu.

Selecting Menu Items
Select the Equalizer menu just as you did before.

Changing EQ Options
Push + or –. When you push – from NOR, you select the ROC EQ.

Exit after selecting ROC EQ
Press the lever or the PLAY button.

Adjust 5 Band dB level
When you push ▶▶, you can adjust the 5 Band dB level.

■ Opening the Menu Screen

To enter the menu screen, press the lever briefly.

■ Navigating the Menu

- To move up and down the menu, press + or –.
- To enter submenus, press the lever or push ▶▶.
- To move up the menu, push ◀◀. (When it is at the top menu, the menu screen is closed and the previous mode screen returns.)
- To return to the previous mode screen after setting, press the PLAY button.

■ Changing Values of Menu Items

- When it is the last field, the setting screen for the field appears.
- Press + or – to change to the desired values.
- To select an item, press the lever. The changed value is immediately applied.
- To return to the previous mode screen after setting, press the PLAY button.

■ Canceling Menu Item Settings and Closing the Menu Window

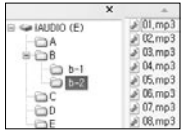
- When you press the REC button, the changed value of the menu item is returned to the previous value and the Menu window is closed.
- When you press the PLAY button, the changed value of the menu item is saved and the Menu window is closed.

■ Equalizer Menu Settings

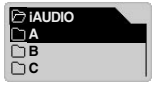
- Enter the equalizer menu.
- Press + or – to select pre-defined equalizer settings. (Normal, Rock, Jazz, Classic, Pop, Voice, User)
- Press ▶▶ to select an equalizer band.
- When you select a band, you can adjust the dB level by pressing + or –. (-28 ~ +28 dB)
- Push ◀◀ to return to the higher menu, or the PLAY button to use the equalizer setting.

6. Basic Operations for Using Navigator

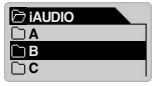
Example: When the folder structure of iAUDIO is like the following, and you want to navigate from the root folder to b-2 folder and select 01.MP3 file in the b-2 folder and play it, do as follows:



Folder Structure of iAUDIO

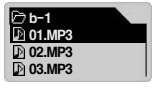


Enter Navigator
Press and hold the lever to enter the Navigator screen.



Navigating up and down in the Navigator
Press + or –.

Select a Navigator Item
To select and open a folder, press the lever to open a popup screen and select Expand. Or push ▶▶ to directly go to the folder.



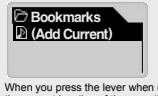
Playing the selected file
Press the PLAY button or push and hold. iAUDIO returns to MP3 Player Mode and the file starts to play.
When you briefly press ▶▶, the file selected in Navigator mode is played.
When you press the lever, the popup menu appears and when you select Play now, the file selected in Navigator mode is played.

Entering Navigation Mode

You can enter Navigation Mode by pressing and holding the MODE button in Navigator status.

Music Files: You can browse MP3 and WMA files according to the folder structure.
Dynamic PlayList: The playlist generated with the "Add to List" feature is displayed. You can delete items from the list as well.
Bookmarks: The Bookmark feature is used to save the locations of specific song titles to listen to them directly from the saved locations. This is very useful when using language study files or audio books that have a long playing time. You can bookmark up to 20 song titles, and play them from the bookmarked location. Press and hold the REC button to bookmark music files while they are being played.

■ Entering Bookmarks



When you press the lever when (Add Current) is selected, the current location of the song title being played is bookmarked. To play a bookmarked file, select it and press the PLAY button or move it to ▶▶ direction.

Play now: The bookmarked file is played.
Remove: The bookmark for the file is deleted.
Remove All: Delete all bookmarks.

■ Enter Navigator

- To enter the Navigator screen, press and hold the lever.
- In MP3 Player, Voice Recorder, or Line-in Recorder Mode, the Navigator for browsing folders and files in the hard disk opens.
- In FM Radio Mode, the Navigator for searching and setting frequency presets opens.

■ Moving Between Navigator Items

- To move up and down the Navigator menu, press + or –.
- To move to a lower level folder, press the PLAY button or push ▶▶.
- To go to a higher level folder, press ◀◀. (When the present folder is the root folder, the Navigator screen is closed and the previous mode screen returns.

■ Selecting Navigator Items

- To play a file, select it and press the PLAY button or press ▶▶.
  (When you press ▶▶ and the file plays, iAUDIO stays in Navigator Mode.)
- To go to a folder, select it and press the PLAY button or press ▶▶.
- Navigator Popup Window

■ Navigator popup window

- When you press the lever, an appropriate popup window appears according to the folder, file, Dynamic PlayList file, or radio mode.
- Press + or – to select a popup item.
- Press the PLAY button or press ▶▶ select a popup item.
- When you press the REC button, the popup window is canceled and closed.
- Popup Items for Files: Play now, Add to List, Intro, Delete
- Popup Items for Folders: Expand, Play now, Add to List
- Popup Items for Dynamic Playlist files: Play now, Intro, Remove
- Popup items for Radio Mode Navigator: Listen Ch, Save Current, Delete Ch

When you select a file and press the lever

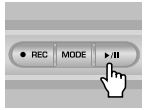
When you select a folder and press the lever

■ Close Navigator

- When you press the REC button, the Navigator window is closed and the previous screen appears.

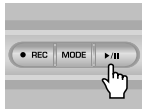
MP3 Player Mode

1. Power On and Play



- When you press and hold the PLAY button, the iAUDIO logo appears and iAUDIO powers on.
- When iAUDIO powers on, it starts playing automatically if Autoplay is set. (See Autoplay on page 36.)
- When the Resume feature is set, iAUDIO saves the last played track and position, and playback begins from there.
- When you want to go to MP3 Player mode and listen to music, turn iAUDIO power on and press the MODE button. Then select MP3 Player from the Mode menu. Press ◀◀ or ▶▶ to select MP3 Player and then press the PLAY button to enter MP3 Player Mode.

2. Power Off and Stop

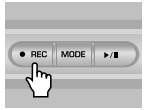


- Press and hold the PLAY button when iAUDIO is stopped to power off iAUDIO.
- When you press and hold the PLAY button briefly in the PC Play status, iAUDIO stops playing.
- You can automatically turn off iAUDIO when you set the Auto Off or Sleep feature.
- iAUDIO does not power off when your PC and iAUDIO are connected by USB cable.

3. Adjust Volume

- To adjust Volume while playing, press + or –.
- Press briefly to adjust by 1 volume unit, or press and hold to adjust rapidly.
- Volume can be adjusted between 00 (mute) and 40.

4. Setting Loop: A↔B



Use the REC (A↔B) button while playing tracks in MP3 Player mode. Press the button to set the loop start point. The (A ↔) icons appears at the bottom middle of the LCD. Press the button again to set the loop end point. The icon changes to (A↔B). This audio block starts to play repeatedly. When you wish to release this feature, press the REC button again.

5. HOLD:

Push the HOLD switch to the left. Now all iAUDIO button are locked and do not work.

FM Radio (Listening to FM Radio)

After turning the power on, press the lever to select FM Radio from the Mode menu. Press ◀◀ or ▶▶ or press the PLAY button to select FM Radio. iAUDIO enters FM Radio mode.

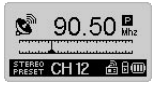
When you push ◀◀ or ▶▶ briefly while in FM Radio mode, the radio frequency changes by 0.1 KHz.

When you press and hold ◀◀ or ▶▶ for 1 or 2 seconds, iAUDIO automatically searches for the next station that has good reception.

To record FM broadcasts while listening to FM radio stations, press the REC button. The broadcast is recorded in a pre-defined recording quality, and the file is saved as F***.mp3 under the 『FM』 folder in the 『Records』 folder. (“***” indicates a 3-digit consecutive number.)

To pause recording, briefly press the PLAY button.
To finish recording, press the REC button again.

For information on setting the recording quality, see page 37 of this manual.



When you press the PLAY button briefly while playing, the mode changes to Preset mode in which you can select a preset channel. When you press and hold the lever while listening to FM Radio, iAUDIO shows 24 FM Presets, and you can navigate by pressing + or –. (The radio station does not change until you select one.) After selecting a channel, you can press the MENU button to display the popup menu for more convenient features.

- Listen Ch: Listen to the current radio station.
- Save Current: Add the current radio station to Presets.
- Delete Ch: Delete the current radio station.

Voice Recorder (Recording Voice with Built-In Mic)

When iAUDIO is not in Voice Recorder, press the lever to enter the Mode menu and select Voice Recorder from the menu. Press ◀◀ or ▶▶ or press the PLAY button to select Voice Recorder. iAUDIO enters Voice Recorder mode.

Press the REC button to start recording.

The sound is recorded in a pre-defined recording quality, and the file is saved as V***.mp3 in the 『VOICE』 folder under the 『RECORDS』 folder. (“***” represents a 3-digit consecutive number.)
To finish recording, press the REC button again.

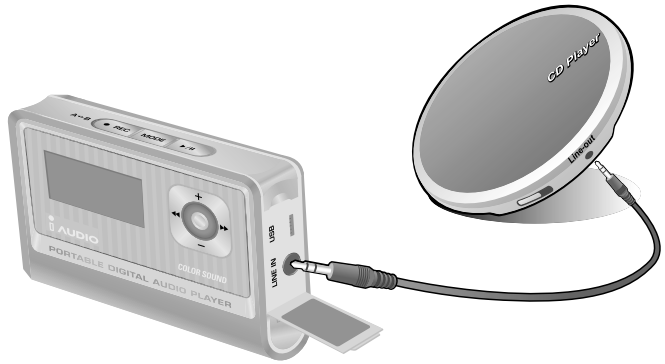
For recording quality setting procedure, see page 37 of this manual.

When the recording is finished, press the lever to enter Navigator for more convenient features.

- Play Now: Plays the track immediately.
- Add to List: Adds the track to the playlist.
- Intro: Listen to only the intro part of the track.
- Delete: Completely remove the track from Flash memory.

To play recorded files more conveniently using Fast Forward and Fast Rewind features, change to MP3 Player mode, and select V***.mp3 files to play in the 『VOICE』 folder under the 『RECORDS』 folder.

Line-in Recorder (Direct Encoding)



We will describe the example of direct encoding between CDP and iAUDIO.

When iAUDIO is not in LINE-IN Recorder Mode, press the lever briefly to enter Mode menu, and select LINE-IN Recorder. Press + or - or press the PLAY button to select Line-in Recorder. iAUDIO enters Line-in Recorder mode.

Connect the headphone jack of CDP with the Line-In jack of iAUDIO with a bi-directional stereo jack cable.

Press the REC button to switch iAUDIO to recording standby status.
(For the Autosync setting procedure, see Autosync Features in Page 38.)
iAUDIO automatically monitors the LINE-IN jack and pauses recording until audio signals are received.

When you press the PLAY button of CDP, iAUDIO detects signals coming in through the LINE-IN jack and starts recording.

The file is recorded as L***.mp3 in the 『LINE IN』 folder under the 『RECORDS』. ("***" represents a 3-digit consecutive number.)
To finish recording, press the REC button again.

For information on changing the recording quality, see page 37 of this manual.

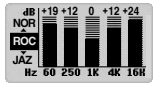
After recording, you can press and hold the lever to enter Navigator mode for more convenient features.

- Play Now: Plays the track immediately.
- Add to List: Adds the track to Playlist.
- Intro: Plays only the intro part of the tracks.
- Delete: Completely removes the track from Flash memory.

To play recorded files more conveniently using Fast Forward and Fast Rewind features, change to MP3 Player mode, and select L***.mp3 files to play in the 『Linein』 folder under the 『Records』 folder.

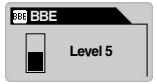
JetEffect

1. Equalizer



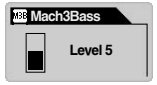
In MP3 Player Mode, briefly press the lever to enter JetEffect.
When you select Equalizer and press the MENU button, the 5 band EQ appears.
Press + or – to move between Normal, Rock, Jazz, Classic, Pop, Vocal, and User EQ bands.
You can adjust each EQ band as you like. To adjust the dB level in a selected band, press ▶▶ to toggle it to edit mode, and press + or – to change the value.

2. BBE: BBE



BBE is a sound field effect that makes music clearer.
In MP3 Player mode, briefly press the lever to enter JetEffect.
Select BBE and press the lever. A menu to adjust the level from 0 to 10 appears.
Press + or – to change value.

3. Mach3Bass: M3B

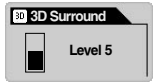


Mach3Bass is a base boosting effect that reinforces super-base frequencies.
In MP3 Player mode, briefly press the lever to enter JetEffect.
Select Mach3Bass and press the lever. A menu to adjust the level from 0 to 10 appears.
Press + or – to change the value.

4. MP Enhance: MP

MP Enhance is a sound field effect that compensates for the lost parts of sound.
In MP3 Player mode, briefly press the lever to enter JetEffect.
When you select MP Enhance and press the lever, an On/Off menu appears.
Press + or – to toggle it on or off.

5. 3D Surround: 3D



3D Surround provides a 3D sound effect.
In MP3 Player mode, briefly press the lever to enter JetEffect.
Select 3D Surround and press the lever. A menu to adjust the level from 0 to 10 appears. Press + or – to change the value.

6. Pan (Left and Right Balance)

Pan is a feature to adjust the balance of left and right volumes.
In MP3 Player Mode, briefly press the lever to enter JetEffect.
Select Pan and press the lever.
A menu appears for you to adjust Pan from -20 to +20. Press + or – to change the value.

Play Mode

1. Boundary (Setting Play Range)

In this menu, you can select various play ranges.
MP3 files recorded by Mic and Line-In are excluded.
In MP3 Player mode, briefly press the lever to enter PLAY mode.
While Boundary is selected, briefly press the lever to show the following options one by one.

- 1 (One): plays only one track.
- F (Folder): plays only the current selected folder.
- A (All): plays all tracks in all folders.
  In the RECORDS folder, only modes F or 1 are allowed.
- P (Playlist): plays only the tracks in the Playlist.

2. Repeat (Setting Repeat Play)

You can change the repeat play value to apply to the play range.
In MP3 Player mode, briefly press the lever to enter PLAY mode.
Select Repeat and press the lever. The square box at the right is checked.
When you press the lever again, the square box is unchecked and Repeat Play is not set.
When it is checked, the selected Play Range is played repeatedly.

3. Shuffle (Setting Random Play)

Select whether to play tracks randomly in the play range specified in PLAY mode.
In MP3 Player mode, briefly press the lever to enter PLAY mode.
Select Shuffle and press the lever. The square box on the right is checked.
When you press the lever again, the square box is unchecked and Shuffle is not set.
When it is checked, Shuffle is applied.

Display

1. View Watch

- The current time is displayed.
- To change the time, press + or –.
- On: The current time is displayed at the location for Folder/Album Name in MP3 Player mode.

2. Lyrics

- The lyrics for the track being played are displayed.
- Select Lyrics and move the jog lever up and down to set On/Off.
- On: Lyrics are automatically displayed when they exist. / Off: Lyrics are not displayed even if they exist.
- To switch between the general play screen and the lyrics display screen in MP3 Player mode, press and hold the MODE button. (This operation works only for tracks with lyrics.)

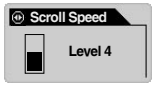
3. Play Time

- The time info of the played track is displayed and you can select which time info to display.
- Remain: The time remaining is displayed. (Example: 3:32)
- Elapse: The time since the beginning of the track is displayed. (Example: 0:01)
- Select an option and press the lever to apply it.

4. Song Title

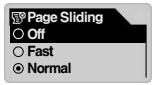
- Select how to display file names.
- ID3V2: ID3Tag Version 2 is given priority.
- ID3V1: ID3Tag Version 1 is given priority.
- FileName: The saved Windows file name is displayed.
- When you select an option and press the lever, it is applied beginning with the next track played.

5. Scroll Speed



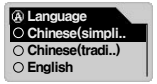
- Adjust the scroll speed of the text displayed in the LCD.
- You can select a value between 0 and 8. (0 means no scroll)
  Select Scroll Speed and press the Level 4 lever, and then press + or – to select the desired value.

6. Page Sliding



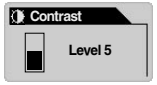
- Controls animation effects for opening and closing menus.
- You can select Fast, Normal, or Smooth.
- After selecting an option, press the lever to apply it.

7. Language



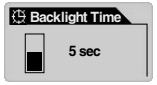
- When the track's file name or ID3Tag info is written in a foreign language, you can select a language to display them.
- You can select Chinese (Simp), Chinese (Trad), English, Hangul (Korean), Japanese, or Russian.
- Some languages or special fonts may not be displayed normally due to language code incompatibilities.
- After selecting an option by moving the jog lever up or down, press it to apply your selection.

8. Contrast



- Adjust the brightness of the LCD display.
- You can select a value between 1 and 9.
  Select Contrast and press the lever, then press + or – to select a value.

9. Backlight Time



- Set the time to keep the backlight on.
- Select Time and press the lever. Then press + or – to select 3 sec, 5 sec, 10 sec, 30 sec, 60 sec, Always ON, or Always OFF.

LDB Manager

This software is a lyrics auto input application used in the iAUDIO MP3 Player.

- You can automatically add lyrics to music source files.
- Select files from the list and click the Mark Lyrics button to add lyrics to the files. (Multiple selections are allowed)

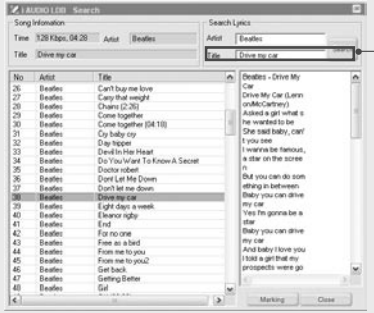
*** iAUDIO must be connected to the Internet for this feature.**

- Manually adding lyrics to music source files.
- Select a file from the list and click the Search Lyrics button. Then select the desired lyrics from the lyrics search window.

*** iAUDIO must be connected to the Internet for this feature.**

- Delete lyrics from music source files.
- Select a file from the list and click the Delete Lyrics button to delete lyrics from the file.

- Refresh List.

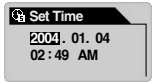


Lyrics Search Window

This window is used to search lyrics for music source files when you cannot add lyrics automatically. Enter the keywords in the search window and press the “Search” button. The searched lyrics list is displayed in the Explorer Window. When you select lyrics from the list, they are displayed in the Lyrics Window.
When you press the “Marking” button, the selected lyrics are added to the music source file, and when you press the “Close” button, the Lyrics Search Window is closed.

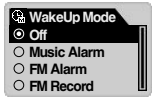
Timer

1. Set Time



- Sets the current time.
- Press << or >> to move between items.
- To change the time, press + or –.

2. WakeUp Mode

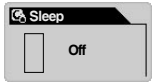


- Select an alarm operation mode.
- Music Alarm: iAUDIO powers on at the preset time, changes to MP3 Player mode, and plays the last played track. (Auto Play must be On. This does not work when iAUDIO is already turned on.)
- FM Alarm: iAUDIO powers on at the preset time, changes to FM Radio mode, and plays the last-played or a pre-defined channel. (This does not work when iAUDIO is already turned on.)
- FM Record: iAUDIO powers on at the preset time, changes to FM Radio mode, and records the last-played or a pre-defined radio channel. (This works whether or not iAUDIO is turned on.)

3. WakeUp Time

- Set the alarm time and method.
- Once is to set off the alarm only once, and Daily is to set off the alarm everyday.
- Duration is the time for which the alarm continues. When you set “10 min” for example, the power goes off automatically after 10 minutes.
- In FM Alarm and FM Record, you can select the last-played channel or an FM preset channel

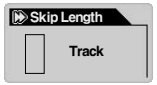
4. Sleep



- iAUDIO automatically turns off at preset time when it is turned on.
- You can select 0, 10, 20, 30, 40, 50, 60, 90, or 120 min.
- Select Sleep and press the lever. Then press + or – to select the desired value.

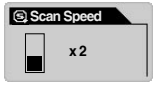
General

1. Skip Length



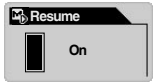
- Set the skip time length when you press ◀◀ or ▶▶ while playing tracks in MP3 Player mode.
- You can select 2, 3, 4, 5, 10, 15, 20, or 30 sec.

2. Scan Speed



- Set the Fast Forward/Fast Rewind speed when you press and hold ◀◀ or ▶▶ while playing tracks in MP3 Player mode.
- You can select x1, x2, x4, x8, or x16.

3. Resume

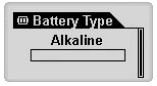


- Remembers the last position in the last played track.
- You can choose On or Off.

4. Auto Play

- iAUDIO starts to play automatically after it is turned on.
- You can choose On or Off.

5. Battery Type



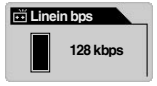
- Select the battery type to use.
- Select this carefully because the battery remainder is measured differently depending on the battery type.
- You can select Alkaline or Rechargeable. We recommend 1.2 to 1.5V NI-MH type (750mA or higher) or alkaline batteries for iAUDIO.
- Select Battery Type and press the MENU button, and choose a battery type with the + and – buttons.

6. Song Order

- Select the method to arrange song titles.
- Download Time: Arrange songs by order downloaded in.
- File Name: Arrange songs by file name.
- File Time: Arrange songs by file creation time.

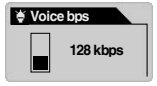
Recording

1. Line-in bps



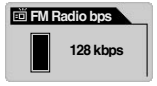
- Set the bit rate in (quality) of MP3 files recorded through Line-In.

2. Voice bps



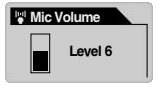
- Set the bit rate (quality) of files recorded through the built-in mic.
- All MP3 files recorded through the built-in mic are mono.

3. FM Radio bps



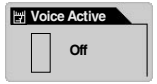
- Set the bit rate (quality) of MP3 files recorded by pushing REC while listening to FM radio.

4. Mic Volume



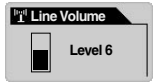
- Set the volume level of the built-in mic.
- Volumes that are too high may cause amplified noise, electric noise, peaking or distortion and degrade the recording quality.
- You can select a value between 1 and 10. Higher values mean higher amplification.

5. Voice Active



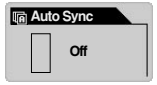
- Recording pauses when there is no sound input during recording and restarts when there is sound. This feature saves memory.
- You can select a value between 0 and 10. Smaller values mean greater sensitivity. If you set this value too high relative to the surrounding sounds, recording may not be activated as intended. Set this value to 0 when making important recording to guarantee that recording begins.

6. Line Volume



- Set the volume level of incoming signals from the Direct Encoding jack.
- You can select values between 1 and 10. Higher values mean higher amplification.

7. Auto Sync



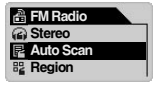
- Auto Sync senses sound from the Line-In jack and automatically recognize blank intervals between tracks to create separate files for different tracks.
- You can select between 0 and 8. 0 is Off. Higher values means longer interval between tracks.
- The above numbers are not in seconds.

FM Radio

1. Stereo

- Select Stereo or Mono when listening to FM Radio.
- You can select Stereo or Mono.

2. Auto Scan



- Auto Scan automatically finds and registers FM frequencies.

3. FM Region

- Sets a region for FM Radio.
- Set iAUDIO according to the region where it is used. For example, in the United States of America select US.
- Available options are China / Europe / Japan / Korea / Russia / US.

※ The earphones work as an antenna when listening to FM Radio. You can get better reception by straightening the earphone cord.

Information

Version

- Displays the current version of the firmware embedded in iAUDIO.

Memory (Used / Total Memory Capacity)

- Displays information on the flash memory in iAUDIO.
- You can check usage and total memory capacity.
- iAUDIO Flash Memory shares some parts with the system memory.
  When you exclude the memory taken by the system that is required for normal operation of iAUDIO, the flash memory that is displayed may be less than its total capacity.
- For example, about 242MB is the normal capacity from 256MB products.

Battery (Remaining Battery Capacity)

- Displays the remaining capacity of the battery in iAUDIO as a V value.

Symptom	Action	Description
iAUDIO does not power on.	Check if the HOLD button is in the locked position. Try again after pushing the HOLD button to OFF.	When the HOLD button is in locked status, iAUDIO buttons do not work.
	Check if the battery is loaded in the right direction.	iAUDIO does not work if the polarity of the battery is reversed.
	Replace the battery with a new one.	iAUDIO does not work when the battery is exhausted.
	Remove the battery and insert it again.	Check if there are any foreign objects obstructing contact with the battery and remove them if there are any.
There is no sound.	Check if there are any MP3 files in memory.	iAUDIO does not work when there are no saved files in it.
	Check if the HOLD button is in locked position. Try again after setting the HOLD button OFF.	iAUDIO buttons do not work when the HOLD button is in locked status.
FM Radio does not work	FM Radio reception may not be good inside buildings, subways or moving cars. Listening to FM Radio may be impossible in areas shaded from radio transmissions.	
	If FM Radio does not work in areas where radio reception is possible, the reception module may be in error. In this case, please call one of our service centers.	
Characters in LCD are distorted.	Set the language of iAUDIO to English and ID3 tag to Filename, and retry. If the problem persists, check the product with our service center. However, if the same symptom occurs in other iAUDIO products of the same model, it may be because iAUDIO was developed on Korean Windows and some special fonts or characters may be distorted.	

Symptom	Action	Description
I filled my memory capacity, and iAUDIO malfunctions or does not play at all.	Initialize iAUDIO, and save the files again but leave 1 to 2 MB of free memory space.	There is a "settings.dat" file in the root folder in Flash Memory which is an important system file. When this file is not saved properly, or deleted/damaged during file transfer, malfunctions may occur.
After saving hundreds of files in the Root folder, iAUDIO does not work or malfunctions.	This is a limitation from Windows 98. It is recommended to create subfolders for Windows 2000 and XP as well.	iAUDIO uses FAT. Due to the limitations of FAT, avoid saving too many files in the Root directory.
The Flash Memory capacity is displayed less than it should be or cannot be used up to its full capacity. (E.g., 242MB displayed for 256MB memory)	iAUDIO Flash Memory shares some parts with the system memory. Therefore, when you exclude the system area that is required for normal operation of iAUDIO, the flash memory that is displayed may be less than its capacity. For example, 242MB is displayed for 256MB memory. This is normal.	

When using JetShell, JetShell controls the iAUDIO drive. Consequently, you should exit JetShell before using iAUDIO for these uses:

- Installing a USB Drive.
- Formatting iAUDIO from Windows Explorer.
- Upgrading Firmware.

MP3 Player Mode

Button		Operation	When iAUDIO is stopped	When iAUDIO is playing
Play/ Pause		●	Play the current track.	Stop the current track
		▬	Power Off	Power Off
FF		●	Play next track	Play next track or move forward by 5 sec or 10 sec (SKIP setting)
		▬	Fast Forward	Fast Forward
REW		●	Play previous track	Play previous track or move backward by 5 sec or 10 sec (SKIP setting)
		▬	Fast Rewind	Fast Rewind
MENU		●	Setting Menu	Setting Menu
		▬	Navigator	Navigator
+			Volume Up	Volume Up
-			Volume Down	Volume Down
REC/A↔B		●		Start or Stop Repeat A↔B
		▬		Save Bookmarks
MODE		●	Mode Menu	Select Mode
		▬		Switch between Play and Lyrics Screen for lyrics-marked tracks

In Button Operations, ● means pressing briefly, and ▬ means pressing for 1 or more seconds.

FM Radio Mode

Button		Operation	When iAUDIO is stopped	When iAUDIO is playing
Play/ Pause		●	Enter Preset Mode	Release Preset Mode
		▬	Power Off	Power Off
FF		●	Increase Frequency	Play the next Preset
		▬	Automatically search for next FM station	Play the next Preset
REW		●	Decrease frequency	Play the previous Preset
		▬	Automatically search for previous FM station	Play the previous Preset
MENU		●	Setting Menu	Setting Menu
		▬	Preset Mode Setting	Preset Mode Setting
+			Volume Up	Volume Up
-			Volume Down	Volume Down
REC/A↔B			Start or stop recording	Start or stop recording
MODE		●	Mode Menu	Select Mode

Voice Recorder / Line-in Recorder Mode

Button		Operation	When iAUDIO is stopped	When iAUDIO is playing
Play/ Pause		●	Play the previous recorded file	Pause / Continue Recording
		▬	Power Off	Power Off
FF		●		
		▬		
REW		●		
		▬		
MENU		●	Setting Menu	
		▬	Navigator	
+			Volume Up	
-			Volume Down	
REC/A↔B			Start Recording	Stop Recording
MODE		●	Mode Menu	Select Mode

Navigator

Button		Operation	When a file is selected	When a folder is selected
Play/ Pause		●	Play the selected file and change to MP3 Player mode	Expand the folder
		▬		
FF		●	Play the selected file and the Navigator Mode is retained	Expand the folder
		▬		
REW		●	Move to the higher folder	Move to the higher folder
		▬		
MENU		●	Pop up Menu	Pop up Menu
		▬	Enter Navigator mode	Enter Navigator mode
+			Move cursor up	Move cursor up
-			Move cursor down	Move cursor down
REC/A↔B			Change to MP3 Player mode	Change to MP3 Player mode
MODE			Navigator Mode Menu	Select Play List mode

What is JetShell?

JetShell is the iAUDIO manager program providing the following features:

- Downloading/Uploading files from/to iAUDIO.
- File management similar to Windows Explorer
- Playing MP3, MP2, WAV, WMA, ASF, Audio CD, and Playlist (m3u)
- Copying (ripping) MP3 files from Audio CD
- Converting between WAV/MP3/WMA
- Changing bitrate of MP3 files
- Convenient file transfer using Download List
- A wide selection of spectrums, equalizers, and sound effects
- Editing ID3 tags
- Downloading iAUDIO logo
- Formatting the flash memory

Running Environment for JetShell

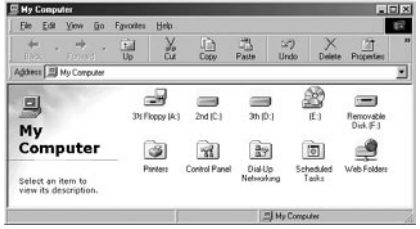
- Pentium 200 Mhz or higher
- 32 MB or more memory
- 20 MB or more hard disk space
- 256 Color or higher display
- Windows 98/ME/2000/XP (NT is not supported)
- USB Port 1.1 or higher
- CD-ROM drive
- Sound Card, Speaker or Headphone

1. When you insert iAUDIO installation CD in the CD-ROM drive, the installation program starts automatically. It may not start automatically depending on the settings of Windows. In this case, run x:\setup.exe or x:\JetShell\setup.exe. (where x is the letter of your CD-ROM drive)

2. When the installation finishes, Start -> Program -> COWON -> iAUDIO U2 program group is created.

3. You are now ready to connect iAUDIO to PC (Don't run JetShell at this time).
Connect the USB ports of iAUDIO to your PC using the provided USB cable.
(We recommend to connect iAUDIO to the PC directly, not using USB hub)

4. As soon as the cabe is connected, the message "Found New Hardware" appears and the USB driver for iAUDIO is installed automatically. The driver installation message may not appear on the screen depending on the status of Windows. To make sure that the installation was completed normally, check for the device "iAUDIO" in My Computer as shown below, or "Control Panel -> System -> Hardware -> Device Manager".



5. Now you can transfer files by using JetShell or Window Explorer.

For Windows 98 / 98 SE

The E:\ drive shown in the illustration is an example, and it may be different from the actual drive name used by your PC. It was given for your reference only.

1. Connect the USB ports of iAUDIO to your PC using the provided USB cable. As soon as the cable is connected, "Add New Hardware Wizard" window is displayed. Click Next.

2. Check "Search for the best driver for your device" and click Next.

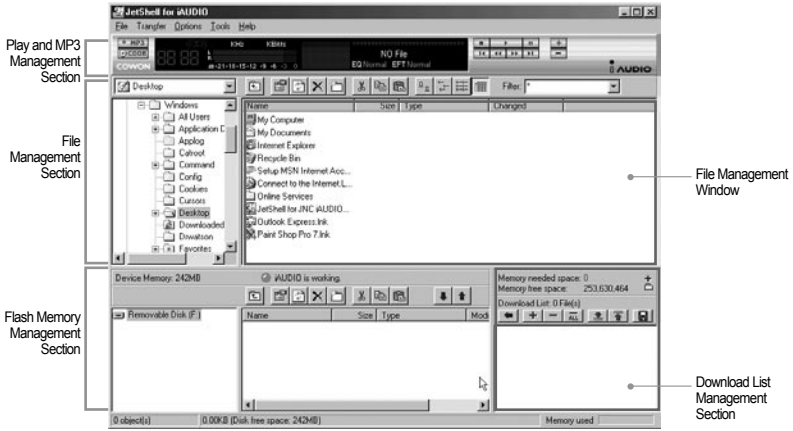
3. Check "Specify a location" and click Browse.
   From the "Browse" window, select the [Win98] folder on the iAUDIO Installation CD, and click OK.

4. USB driver file for iAUDIO is found. Click Next.

5. The driver files are copied and installed from the Installation CD. When the installation finishes, a message notifying you of completion appears as shown in the picture. Click Finish.

6. Finally, make sure that installation of iAUDIO was completed normally by checking "iAUDIO U2 Digital Audio Player" displayed under "Harddisk controller" of "Control Panel / System / Hardware / Device Manager".

The Whole View



When JetShell is running, it controls the iAUDIO. Make sure to exit JetShell before performing the following tasks:

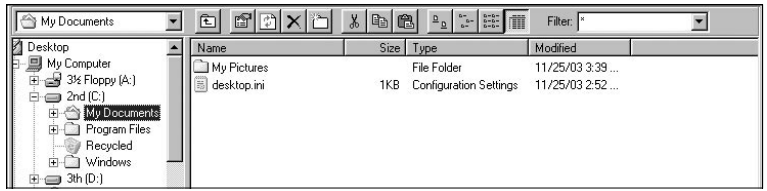
- Installing iAUDIO's USB driver
- Formatting iAUDIO in Windows Explorer
- Upgrading iAUDIO's firmware

Player Section

Double click an MP3, MP2, WAV, WMA, ASF, Audio CD track, or Playlist (m3u) file in the "File Management Window", or drag and drop files on the "Player Window" shown above. You can also select multiple files and then press the Play button. On the black screen in the middle, various information of current file is displayed, and two types of spectrum screens appear.

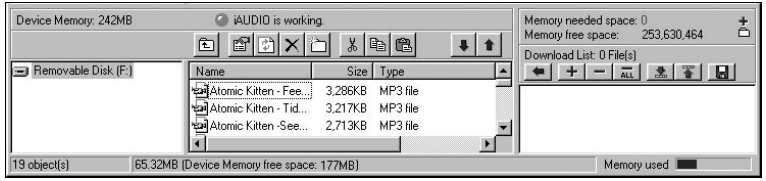
You can start and stop playing the file with the buttons at the right, and adjust the volume with the + and - buttons. To skip instantly to a specific position of the track being played, click on the position bar.

File Management Section



The File Management Section of JetShell looks just like Windows Explorer. The left window shows folders, disks, and CD-ROM drives in a tree structure, and the right window shows the files in current folder.

Flash Memory Management Section



The bottom part of JetShell consists of "Flash Memory Management Window" and "Download List Window". When iAUDIO is working normally, the red lamp is turned on with the message "iAUDIO is working" as shown in the figure. The files in iAUDIO displayed in the middle window. The "Memory used" bar shown at the bottom right indicates the used memory size of the total flash memory of iAUDIO. If this bar is almost full, it means that there is almost no free space available in iAUDIO.

Button	Function	Explanation
	Up	Move to the upper folder.
	Properties	Display the properties of the selected file.
	Refresh	Refresh the contents of flash memory.
	Delete	Delete the selected file or folder.
	New folder	Create a new folder.
	Cut	Cut the selected file or folder.
	Copy	Copy the selected file or folder.
	Paste	Paste the cut or copied file.
	Transfer to Flash Memory	Transfer the selected files or folder from PC to iAUDIO.
	Transfer to PC	Transfer the selected files or folder from iAUDIO to PC.

JetShell displays visually cool spectrums. When you click on the spectrum display area, the screen changes as follows.

You can also enjoy various equalizers and sound effects.

Various Equalizers

Various Sound Effects

Downloading Music files to iAUDIO

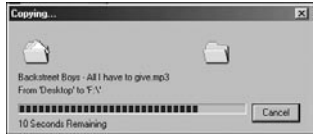
If you want to download secure WMA files (WMA files from online music store) to iAUDIO, please refer to “Downloading secure WMA files to iAUDIO”. JetShell does not support downloading secure WMA files.

You can use Windows Explorer or other file management programs to download music files to iAUDIO.

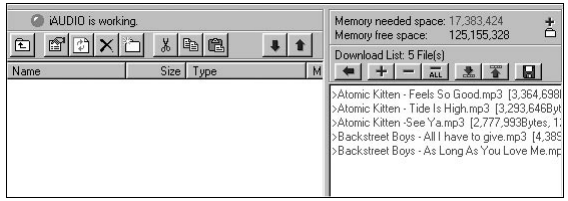
1. Downloading music files to iAUDIO is very simple. Select files to download from the "File Management Window" and click down arrow.

2. Or you can also drag and drop the selected files from the "File Management Window" to the "Flash Memory Management Window".

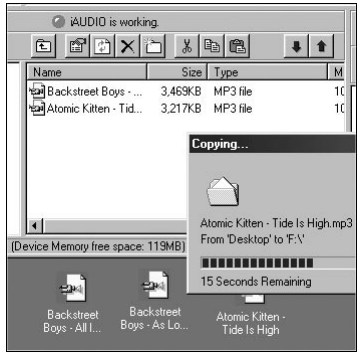
3. The following window shows the file downloading process. Never disconnect the USB cable while downloading. Make sure that the LCD status is READY before disconnecting USB cable.



4. Another method is to put the files in the "Download List Window" first, and transfer them later. This is useful when you wish to download files in different folders.



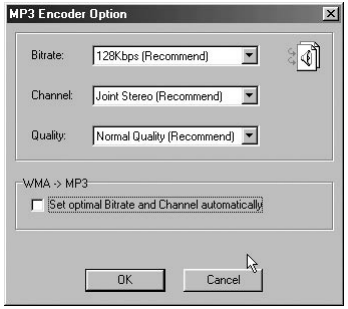
5. You can also download the files existing outside of JetShell by dragging and dropping them onto the "Flash Memory Window".



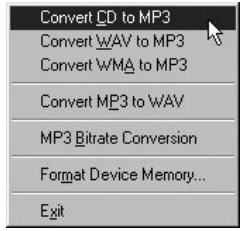
Converting Audio CD Tracks to MP3 Files and Downloading Them to iAUDIO

With JetShell, you can easily convert your Audio CD into MP3 files and download them to iAUDIO.

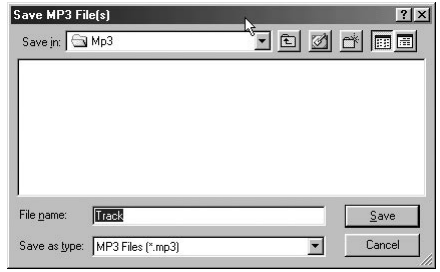
1. Before getting started, you must choose the quality of the MP3 files to create. Click [Setup] –[MP3 Encoder Option] to set the desired bitrate of the MP3 files. (The files compressed in a high bitrate have a higher sound quality and a



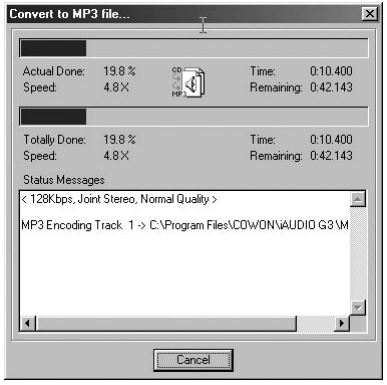
2. From the File Management section, select the CD-ROM drive in which the Audio CD is inserted. Select the audio tracks from the right window and click MP3 or [File] –[Convert CD to MP3] from the menu.



3. Specify the path to save the MP3 files in. Choose a folder in iAUDIO to directly download MP3 files onto iAUDIO.



4. The converting process is displayed as shown below.

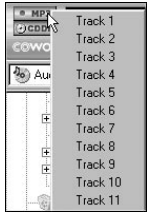


1. Ripping Enhanced CD

For some enhanced CDs, you cannot directly select the tracks on the CD.
In this case, you can right click your mouse on MP3 button and select a track to convert to file as shown in the picture below. However, for some Audio CDs for which copy protection technology is applied, this ripping method may not work.

What is an enhanced CD?

This is an audio CD that contains video or data for a PC.



The tracks appear when you right click your mouse.

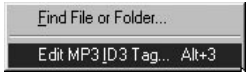
2. Accessing Internet CD Database

When you press the CDDB button, the information on the CD, such as the singer and song title can be acquired through the Internet.
To use CD database, the Internet connection must be enabled. You may not be able to use this feature depending on the status of the network or the proxy server settings.

When incorrect data is stored in the CD database, the texts may appear abnormally on your PC. This is not an error of JetShell but the information stored in CDDB.

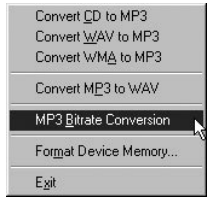
3. Editing ID3 Tag

You can edit the ID3 tag of a MP3 file by selecting [Tools] – [Edit MP3 ID3 Tag] from the JetShell menu.



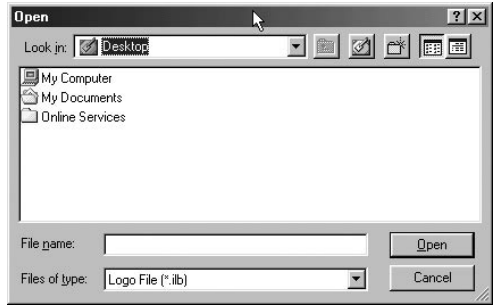
4. Changing MP3 Bitrate

You can change the bitrate of MP3 files by selecting [MP3 Bit Rate Conversion] from the menu.



5. Downloading Logo File

You can download a logo file to change the logo screen that appears when iAUDIO powers on.
Select [Download Logo File] from the menu. When the "Open" window appears, select the desired logo file and click Open. Then the logo file is downloaded and applied.



Installing and Using JetAudio

The worldwide renowned integrated multimedia player 'JetAudio' is included in the iAUDIO Installation CD. To install 'JetAudio', run the file "CD-ROM:\JetAudio\setup.exe." For detailed information on using JetAudio, refer to the JetAudio 'Help' after installation, or post your question on the Q&A board at the site "http://www.JetAudio.com."

Guide to Firmware Upgrade

A. What is Firmware?

Firmware is a program embedded in the hardware, which activates various features.
By upgrading the firmware, you can enhance the features of the product and eliminate the bugs.

B. Notice for Legal Limitations and Responsibilities Regarding Firmware

- The performance and menu of iAUDIO may change without prior notice through firmware upgrades.
- When you upgrade the firmware, all the data in the flash memory may be deleted.
  Therefore, users should back up important files in iAUDIO before upgrading the firmware.
- All firmware upgrades are intended for overall enhancement of performance.
- We recommend not to upgrade firmware if you don't have any problems.
- Upgrading firmware is at your own risk.

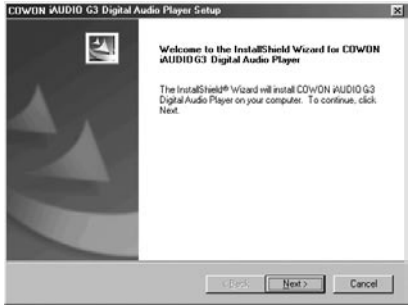
C. Conditions for Firmware Upgrade

- Firmware upgrade can only be possible when iAUDIO driver is properly installed and JetShell can communicate with iAUDIO without any problems.

D. Upgrading Firmware

* You can download the latest firmware from “www.jetaudio.com” or “www.iaudio.com”

① Decompress the downloaded file and run the "setup.exe" file from among the decompressed files. Then the following window appears.



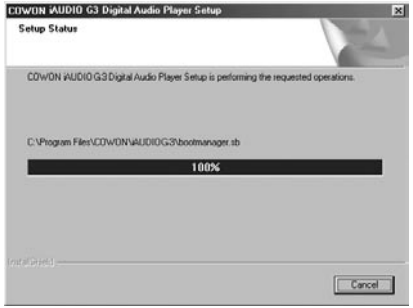
If you have already installed firmware setup program before, the following window may appear. In this case, click OK to remove previous firmware setup program, then run "setup.exe" again.

② Read the License Agreement. To continue installation, click Yes.

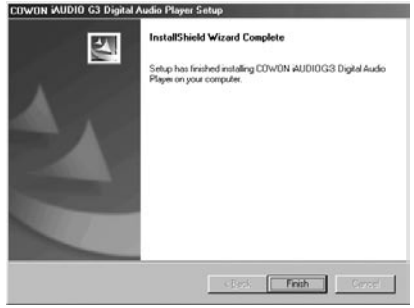
③ Specify the destination folder, theck click Next.

④ Specify a group name, then click Next.

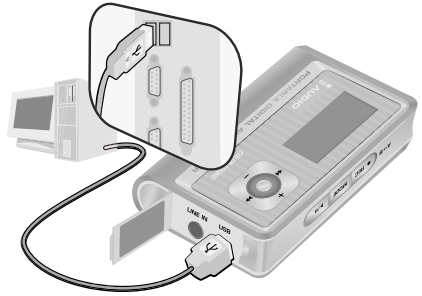
⑤ The files are copied.



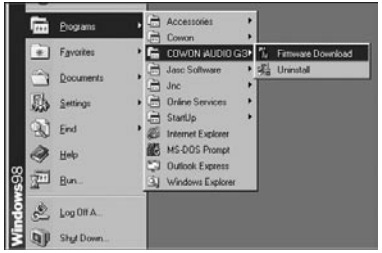
⑥ The installation is complete.



⑦ Connect the USB ports of iAUDIO to your PC using the provided USB cable.
(We recommend to connect iAUDIO to the PC directly, not using USB hub)



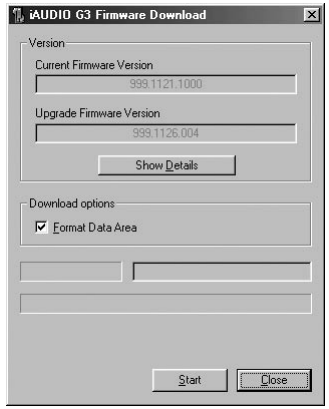
⑧ Run the firmware upgrade program by selecting "Firmware Download" icon in "Start / Programs / COWON iAUDIO U2 / Firmware Download".



⑨ Firmware upgrade program searches iAUDIO. Make sure that iAUDIO is properly connected to the PC. If the program cannot find iAUDIO for a long time, click Cancel, disconnect iAUDIO from PC and try again from step 7.

⑩ When firmware upgrade program finds iAUDIO, the following screen appears.
If you check [Format Data Area] option, all the data stored in the flash memory is deleted. Therefore, be sure to back up important files in iAUDIO before upgrading.
Furthermore, NEVER remove the USB cable during firmware upgrade, since it may cause malfunctions.
After upgrading firmware, make sure that the status has changed to READY on the iAUDIO LCD window before disconnecting USB cable. We recommend to run "Safely Remove Hardware" wizard before disconnecting the cable.

Click Start to upgrade the firmware.



FCC Statement

These products have been tested and comply with the specifications for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

* Reorient or relocate the receiving antenna
* Increase the separation between the equipment or device
* Connect the equipment to an outlet other than the receiver's
* Consult a dealer or an experienced radio/TV technician for assistance

Limited Warranty

JetAudio, Inc., is commited to providing you the flawless products by using the best materials and the workmanship available. Our warranty period is one year from the date of purchase.
If these products prove defective during this warranty period, call Customer Support in order to obtain a Return Authorization Number. BE SURE TO HAVE YOUR PROOF OF PURCHASE AND A BARCODE FROM THE PRODUCT'S PACKAGING ON HAND WHEN CALLING. RETURN REQUESTS CANNOT BE PROCESSED WITHOUT PROOF OF PURCHASE. When returning a product, mark the Return Authorization Number clearly on the outside of the package and include your original proof of purchase. All customers located outside of the United States of America shall be responsible for shipping and handling charges.

IN NO EVENT SHALL COWON's LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCTS FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, ITS ACCOMPANYING SOFTWARE, OR ITS DOCUMENTATION. COWON DOES NOT OFFER REFUNDS FOR ANY PRODUCT.

JetAudio makes no warranty or representation, expressed, implied, or statutory, with respect to its products or the contents or use of this documentation and all accompanying software, and specificallydisclaims its quality, performance, merchantabiliy, or fitness for any particular purpose. JetAudio reservers the right to revise or update its products, software, or documentation without obligation to notify any individual or entity.

Technical Support

For US Customers

JetAudio, Inc. Customer Service Center

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- Tel : 1-888-453-8283 (1-888-4JETAUD)
- Homepage : www.jetaudio.com
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